

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended). A digital file stored on a computer-readable medium, said digital file comprising:

- (a) a plurality of boxes containing data arranged in a manner consistent with the JPEG2000 specification and suitable to render an image when read by a computer;
- (b) at least one of said boxes being a metadata box; and
- (c) including information within said metadata box describing the content of said image.

2 (previously presented). The digital file of claim 1 wherein said information is in XML format.

3 (previously presented). The digital file of claim 1 wherein said digital file is compliant with the JPEG2000 standard.

4 (previously presented). The digital file of claim 1 wherein said information provides interactivity with said image.

5 (previously presented). The digital file of claim 4 wherein said interactivity includes providing a bounding region of a portion of said image.

6 (previously presented). The digital file of claim 5 wherein said bounding region is rectangular.

7 (previously presented). The digital file of claim 5 wherein additional information regarding said content is associated with said bounding region of said image.

8 (previously presented). The digital file of claim 1 wherein said information includes links to information external to said digital file.

9 (previously presented). The digital file of claim 1 wherein said information includes voice annotation.

10 (previously presented). The digital file of claim 1 wherein said information includes object boundary information.

11 (previously presented). The digital file of claim 1 wherein said information includes textual information regarding the content of said image free from copyright information.

12 (previously presented). The digital file of claim 1 wherein said information is MPEG-7 data.

13 (currently amended). The digital file of claim 12 wherein said MPEG-7 data is compliant with the MPEG-7 specification.

14 (previously presented). The digital file of claim 12 wherein said information includes binary data.

15 (currently amended). A digital file stored on a computer-readable medium, said digital file comprising:

- (a) a plurality of boxes containing data arranged in a manner consistent with the JPEG2000 specification and suitable to render an image when read by a computer;
- (b) at least one of said boxes being a UUID box; and
- (c) including information within said UUID box describing the content of said image.

16 (previously presented). The digital file of claim 15 wherein said information is in XML format.

17 (previously presented). The digital file of claim 15 wherein said digital_file is compliant with the JPEG2000 standard.

18 (previously presented). The digital file of claim 15 wherein said information provides interactivity with said image.

19 (previously presented). The digital file of claim 18 wherein said interactivity includes providing a bounding region of a portion of said image.

20 (previously presented). The digital file of claim 19 wherein said bounding region is rectangular.

21 (previously presented). The digital file of claim 19 wherein additional information regarding said content is associated with said bounding region of said image.

22 (previously presented). The digital file of claim 15 wherein said information includes links to information external to said digital file.

23 (previously presented). The digital file of claim 15 wherein said information includes voice annotation.

24 (previously presented). The digital file of claim 15 wherein said information includes object boundary information.

25 (currently amended). The digital file of claim 15 wherein said information includes textual information regarding the content of said image free from copyright information.

26 (previously presented). The digital file of claim 15 wherein said information is MPEG-7 data.

27 (previously presented). The digital file of claim 26 wherein said MPEG-7 data is compliant with the MPEG-7 specification.

28 (previously presented). The digital file of claim 26 wherein said information includes binary data.

29 (currently amended). A digital file stored on a computer-readable medium, said digital file comprising:

- (a) a plurality of boxes containing data arranged in a ~~anner~~ manner consistent with the JPEG2000 specification and suitable to render an image when read by a computer ; and
- (b) at least one of said boxes containing MPEG-7 compliant description schemes.

30 (previously presented). The digital file of claim 29 further including information within at least one of a metadata box and a UUID box describing the content of said image wherein said information is in XML format.

31 (previously presented). The digital file of claim 29 wherein said digital file includes a metadata box.

32 (previously presented). The digital file of claim 30 wherein said information provides interactivity with said image.

33 (previously presented). The digital file of claim 32 wherein said interactivity includes providing a bounding region of a portion of said image.

34 (previously presented). The digital file of claim 33 wherein said bounding region is rectangular.

35 (previously presented). The digital file of claim 33 wherein additional information regarding said content is associated with said bounding region of said image.

36 (previously presented). The digital file of claim 30 wherein said information includes links to information external to said digital file.

37 (previously presented). The digital file of claim 30 wherein said information includes voice annotation.

38 (previously presented). The digital file of claim 30 wherein said information includes object boundary information.

39 (previously presented). The digital file of claim 30 wherein said information includes textual information regarding the content of said image free from copyright information.

40 (previously presented). The digital file of claim 29 wherein said MPEG-7 compliant description scheme includes binary data.

41 (currently amended). A digital file stored on a computer-readable medium, said digital file comprising:

- (a) a MPEG-7 description scheme that includes the identification of the format of at least one of audio and visual media;
- (b) said description scheme including data for rendering said at least one of said audio and visual media when read by a computer; and
- (c) said at least one of said audio and visual media being contained within said description scheme.

42 (currently amended). The digital file ~~description scheme~~ of claim 41 wherein said description scheme is InlineMedia.

43 (currently amended). The digital file ~~description scheme~~ of claim 41 wherein said description scheme includes a choice of two different encoding schemes for data, namely, base16 and base64.

44 (currently amended). The digital file ~~description scheme~~ of claim 43 wherein said base16 is part of an element name MediaData16.

45 (currently amended). The digital file ~~description scheme~~ of claim 43 wherein said base64 is part of an element name MediaData64.

46 (currently amended). The digital file ~~description scheme~~ of claim 41 wherein said data is binary.

47 (currently amended). A digital file stored on a computer-readable medium, said digital file comprising:

- (a) a plurality of boxes containing data arranged in a manner consistent with the JPEG2000 specification and suitable to render an image when read by a computer;
- (b) at least one of said boxes being at least one of a metadata box and a UUID box; and
- (c) including information within said at least one of said metadata box and said UUID box indicating the location of binary data, within said ~~JPEG2000~~ file and not within said at least one of said metadata box and said UUID box, associated with said image.

48 (previously presented). The digital file of claim 47 wherein said information is in XML format.

49 (previously presented). The digital file of claim 47 wherein said digital file is compliant with the JPEG2000 standard.

50 (previously presented). The digital file of claim 47 wherein said information provides interactivity with said image.

51 (currently amended). The digital file of claim 50 wherein said interactivity includes providing a bounding region of a portion of said image.

52 (previously presented). The digital file of claim 51 wherein said bounding region is rectangular.

53 (previously presented). The digital file of claim 51 wherein additional information regarding said image is associated with said bounding region of said image.

54 (previously presented). The digital file of claim 47 wherein said information includes links to information external to said digital file.

55 (previously presented). The digital file of claim 47 wherein said binary data includes voice annotation.

56 (previously presented). The digital file of claim 47 wherein said binary data includes object boundary information.

57 (previously presented). The digital file of claim 47 wherein said information includes textual information regarding the content of said image free from copyright information.

58 (previously presented). The digital file of claim 47 wherein said information is MPEG-7 data.

59 (previously presented). The digital file of claim 58 wherein said MPEG-7 data is compliant with the MPEG-7 specification.